

1                   1. (Three Times Amended) A method for determining a  
2 composite measure indicative of the presence of dietary antioxidants in a liquid  
3 sample at room temperature comprising the steps of:  
4                   providing a liquid sample containing dietary material or a biological  
5                   fluid to be tested;  
6                   contacting the liquid sample with an aqueous solution of elemental  
7                   iodine and an iodophor at room temperature to form a  
8                   mixture; and  
9                   measuring a change in a concentration of iodide ions in the  
10                   mixture at room temperature wherein the change represents  
11                   the composite measure of the presence of dietary  
12                   antioxidants in the dietary material or the biological fluid.

1                   4. (Three Times Amended) A method for determining a  
2 composite measure indicative of the presence of dietary antioxidants in an  
3 aqueous liquid sample at room temperature comprising the steps of:  
4                   providing an aqueous liquid sample containing dietary material or a  
5                   biological fluid to be tested;  
6                   contacting the sample with an aqueous solution of elemental  
7                   iodine and polyvinylpyrrolidone at room temperature to form  
8                   a mixture; and  
9                   measuring an increase in a concentration of iodide ions in the  
10                  mixture by means of an iodide selective electrode at room  
11                  temperature wherein the increase represents the composite  
12                  measure of the presence dietary antioxidants in the dietary  
13                  material or the biological fluid.

*C2*  
Please add the following new Claim 6:

1                   6. A method for determining a composite measure indicative  
2                   ? of the characteristics of dietary antioxidants in an aqueous liquid sample at  
3                   room temperature comprising the steps of:  
4                   providing an aqueous liquid sample containing dietary material or a  
5                   biological fluid to be tested;  
6                   contacting the sample with an aqueous solution of elemental  
7                   iodine and polyvinylpyrrolidone at room temperature to form  
8                   a mixture; and  
9                   measuring an increase in a concentration of iodide ions at room  
10                   temperature in the mixture at a plurality of time points after  
11                   the contacting step by means of an iodide selective  
12                   electrode wherein the increase represents the composite  
13                   measure of the characteristics of dietary antioxidants in the  
14                   dietary material or the biological fluid.

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